|              | Index of Claims  |              |           |         |           |          |          |              |              |           |          |          |   |         |              |                |              |             |              |        |   |                | Reexamination |  |             |          |                                   |          |              |           |           |   |
|--------------|--|--------------|-----------|---------|-----------|----------|----------|--------------|--------------|-----------|----------|----------|---|---------|--------------|----------------|--------------|-------------|--------------|--------|---|----------------|---------------|--|-------------|----------|-----------------------------------|----------|--------------|-----------|-----------|---|
|              | 1   1   1   1   1   1   1   1   1   1  |              |           |         |           |          |          |              |              |           |          |          |   |         | 10/759,258   |                |              |             |              |        |   |                |               |  | DILS ET AL. |          |                                   |          |              |           |           |   |
|              |  |              |           |         |           |          |          |              |              |           |          |          |   |         | E            | Examiner       |              |             |              |        |   |                |               |  |             | Art Unit |                                   |          |              |           |           |   |
|              | 1 11 11 |              |           |         |           |          |          |              |              |           |          |          |   |         | Chassam Alia |                |              |             |              |        |   |                |               |  | 2724        |          |                                   |          |              |           |           |   |
|              | Gn   |              |           |         |           |          |          |              |              |           |          |          |   |         | Ghassem Alie |                |              |             |              |        |   |                |               | 3724   |             |          |                                   |          |              |           |           |   |
|              |  | Т            |           |         |           | $\neg$   |          |              | _            |           |          |          |   |         | _            |                |              |             |              |        |   |                |               |  | 1           |          |                                   |          |              | ٦         |           |   |
|              | √ Rejected — (Through numera   |              |           |         |           |          |          |              |              |           |          |          |   |         | ral)         | ral) Non-E     |              |             |              |        |   | lected         |               |  |             | Αį       | ppeal                             |          |              |           |           |   |
|              |  | L            |           |         |           |          |          |              | Cancelled    |           |          |          |   |         |              |                |              |             |              |        |   |                |               | Α  |             |          |                                   |          |              |           |           |   |
|              | =  |              | ΔΙΙ       | low     | /er       | ,        |          |              | ÷ Restricted |           |          |          |   |         |              | I Interference |              |             |              |        | 0 |                | Ωh            | iec  | ted         |          |                                   |          |              |           |           |   |
|              |  |              |           |         |           |          |          |              |              |           |          |          |   |         |              |                | ,,,,         |             |              |        |   |                |               |  |             |          |                                   |          |              |           |           |   |
|              |  | <u> </u>     |           |         | _         |          |          |              | Claim        |           |          |          |   |         |              |                |              |             |              |        | 1 |                |               |  |             |          | _                                 |          |              |           |           | 1 |
| 9            | Original Original  | O Date       |           |         |           |          |          |              | _            | -         |          |          |   |         | Т            |                | Date         | <del></del> |              |        | ┨ | Cla            | Claim         |  | $\neg$      | Т        | $\frac{\mathcal{D}}{\mathcal{T}}$ | ate      | Т            | Т         | Т         | - |
| <del>-</del> | Original   |              |           |         | -         |          |          |              |              |           | <u></u>  | Original |   |         |              |                |              | Ì           |              |        |   | <u>a</u>       | Original      |  |             |          |                                   |          |              |           |           |   |
| Final        | ig 7   | $\downarrow$ |           | 1       |           | ı        |          |              |              |           | Final    | ١        | ? |         |              |                |              |             |              |        |   | Final          | Orig          |  |             |          |                                   |          |              |           |           |   |
|              |  | <u>.</u>     | 1         | $\perp$ | $\perp$   |          |          |              | _            |           |          |          |   |         | L            | $\perp$        |              | $\dashv$    |              |        |   |                |               | Ш  | _           | $\perp$  | $\downarrow$                      | $\perp$  | $\perp$      | _         |           | ] |
|              | 1 2  | +            | +         | +       | +         | -        | _        | _            | _            | $\vdash$  | -        | 5        |   | +       | ┢            | ╁              |              | $\dashv$    | +            |        | - |                | 101<br>102    | $\vdash$   | -           | -        | +                                 | +        | +            | +         | ╀         | - |
|              | 3  | t            | +         | +       | +         | $\dashv$ | _        |              | -            | $\vdash$  | $\vdash$ | 5        |   | +       | t            | 1              | Н            | -           | +            | +      | 1 |                | 103           | $\vdash$   | $\dashv$    | ┪        | +                                 | +        | +            | +         | +-        | • |
|              | 4  |              |           |         |           |          |          |              |              |           |          | 5.       | 4 |         |              |                |              |             |              |        | ] |                | 104           |  |             |          |                                   |          |              |           |           |   |
|              | 5  |              |           | 1       | $\perp$   |          |          |              |              |           | _        | 5        |   | 4       | _            | _              |              | _           | _            | 4      | 1 |                | 105           |  | 4           | _ _      | 4                                 | _        | 4            | 4         | _         |   |
|              | 6 7  | ╀            | +         | - -     | +         | $\dashv$ |          |              | ⊢            | Н         | $\vdash$ | 5        |   | +       | ╀            | -              | Н            | $\dashv$    | +            | +-     | - |                | 106<br>107    | Н  | +           | +        | +                                 | -        | ╬            | +         | ╁         | - |
| -            | 8  | +            | +         |         | ╅         | -        | $\dashv$ |              |              | Н         | -        | 5        |   | +       | ╁            | -              | Н            | $\dashv$    | _            |        | 1 |                | 108           | H  | 十           | +        | +                                 | +        | ╁            | ╁         | +-        | 1 |
|              | 9  |              | $\dagger$ | $\top$  | _         |          |          |              |              |           |          | 5        |   |         |              |                |              |             |              |        | 1 |                | 109           |  | 1           | 1        | 1                                 |          |              |           |           |   |
|              | 10   |              | 1         |         | $\perp$   | _        |          |              |              | Ш         |          | 6        |   |         | $\perp$      | 1_             | Ш            | $\dashv$    | _            |        |   |                | 110           | Ш  | 4           | _        | 4                                 | $\perp$  | 4            | 1         | 4         | ! |
| _            | 11 12  | ╀            | +         | +       | +         | $\dashv$ | _        |              | _            | Н         | -        | 6        |   |         | ╀            | ╁              | Н            | -           | +            | +      | ┨ |                | 111<br>112    | $\vdash$   | +           | +        | +                                 |          | +            | +         | +-        | - |
| -            | 13   | ╁            | +         | +       | +         | $\dashv$ | -        | -            | H            | $\vdash$  | _        | 6        |   | -       | +            | ╁              | Н            |             | +            | ┽      | 1 |                | 113           | H  | +           | $\dashv$ | +                                 | $\dashv$ | +-           | ╅╌        | +         |   |
|              | 14   | T            | +         | $\top$  | $\dashv$  | $\dashv$ |          |              | -            |           |          | 6        | 4 |         |              | 1              |              |             |              |        | 1 |                | 114           |  |             |          |                                   |          |              |           |           |   |
| _            | 15   | L            | $\perp$   |         | $\Box$    |          |          |              |              |           |          | 6        |   | T       | L            | $oxed{oxed}$   |              |             |              |        | ] |                | 115           |  | 1           | 1        |                                   | 1        | $\downarrow$ | 4         | 4_        |   |
|              | 16   | ╀            | +         | +       | +         | $\dashv$ | _        | _            | _            | <u> </u>  | -        | 6        |   | +       | ╀            | +              |              | $\dashv$    | -            | - -    | ł |                | 116<br>117    | $\vdash$   | -+          | +        | -                                 |          | +            | +         | +         | 4 |
| -            | 18   | +            | +         | +       | $\dashv$  | $\dashv$ |          | -            | -            | $\vdash$  | -        | 6        |   | +       | t            | 1              | $\vdash$     |             | $\dashv$     | +      | 1 |                | 118           |  | +           | +        | 1                                 | +        | $\dagger$    | +         | +         | 1 |
|              | 19   | t            | T         |         |           |          |          |              |              |           |          | 6        | 9 |         |              |                |              |             |              |        | ] |                | 119           | П  |             |          |                                   |          |              |           |           | ] |
|              | 20   | Ļ            | $\bot$    | 4       | 4         |          | _        | _            |              |           | <u> </u> | 7        |   |         | ╀            | ــ             | _            |             | _            | _      | 4 | <u> </u>       | 120           | $  \cdot  $                                      | $\dashv$    | +        | _                                 | _        | -            | -         | -         | - |
| <u> </u>     | 21 22  | ╀            | +         | +       | $\dashv$  | -        | _        | _            | _            | $\vdash$  | $\vdash$ | 7        |   | +       | ╁            | ╆              | -            |             | +            |        | ┨ |                | 121<br>122    | $\vdash$   | $\dashv$    | +        | +                                 | - -      | +            | - -       | +         | · |
| <u> </u>     | 23   | $^{\dagger}$ | +         | +       | $\dashv$  | $\dashv$ |          |              | -            |           | $\vdash$ | 7        |   | +       | t            | $\dagger$      |              |             | _            | +      | 1 |                | 123           | $\Box$   | $\dashv$    | $\dashv$ |                                   | $\top$   | $\top$       | T         | +-        | 1 |
|              | 24   | L            | 1         |         |           |          |          |              |              |           |          | 7        | 4 |         |              |                |              |             |              |        | ] |                | 124           |  |             |          |                                   |          | I            |           |           | ] |
|              | 25 N   | Y            | +         | _       | 4         | $\dashv$ | _        |              |              |           | -        | 7        |   | +       | -            | ┼              | _            |             |              | +      | - | _              | 125           | $\sqcup$   | _           |          |                                   | - -      | +            | +         | +         | - |
|              | 26 V   | +            | +         |         | $\dashv$  | -        | -        | _            | -            | $\vdash$  | -        | 7        |   | +-      |              | ╁              | Н            |             | -            | +      | 1 | -              | 126<br>127    | $\vdash$   | $\dashv$    | $\dashv$ | +                                 | _        | ╁            | +         | +         | 1 |
| <del> </del> | 28   | T            | +         | _ -     | _         |          |          | $\Box$       |              |           |          | 7        | 3 | #       | $\perp$      |                |              |             | 士            | 士      | 1 |                | 128           |  |             | 丁        |                                   | 上        | $\perp$      | İ         | 工         | ] |
|              | 29   | L            | I         | I       | $\Box$    | $\Box$   |          |              |              |           |          | 7        | 9 | Ţ       | I            |                |              |             | 工            | Ţ      | - |                | 129           | $ \Box $   | 耳           | $\bot$   | 1                                 |          | $\perp$      | $\perp$   | 1         |   |
| $\vdash$     | 30   | ╀            | - -       | +       | +         | -        | _        | <u> </u>     | <u> </u>     | $\vdash$  | -        | 8        |   | - -     | $\vdash$     | $\vdash$       | Н            |             | -            | -      | - | $\vdash\vdash$ | 130<br>131    | $\vdash \vdash$                                  | $\dashv$    | +        | $\dashv$                          | +        | +            | +         | +         | - |
| <del>-</del> | 31   32  | ╁            | +-        | +       | +         | $\dashv$ |          | $\vdash$     | $\vdash$     | $\vdash$  | -        | 8        |   | +       | +            | +              | Н            | $\dashv$    | $\dashv$     | +      | 1 |                | 132           | $\vdash \vdash$                                  | $\dashv$    | +        | +                                 | +        | +            | +         | +         | 1 |
|              | 33   | İ            | T         | ╛       |           |          |          |              |              |           |          | 8        | 3 |         | L            |                |              |             |              |        |   |                | 133           |  | 丁           | $\perp$  | 1                                 |          |              | $\perp$   |           | ] |
|              | 34   |              | T         | T       | 1         | $\Box$   |          |              |              |           |          | 8        |   |         | Γ            | $\Box$         |              | $\Box$      | $\bot$       | $\bot$ | - |                | 134           | $\Box$   | $\bot$      | $\bot$   | _                                 | 1        | 1            | $\bot$    | 1         | ] |
|              | 35   | -            | +         | +       | +         | $\dashv$ |          | <u> </u>     | -            | H         | -        | 8<br>8   |   | +       | +            | +              |              |             | -            | +      | - |                | 135<br>136    | $\vdash \vdash$                                  | $\dashv$    | -        | -                                 | +        | +            | +         | +-        | 1 |
|              | 36 <b>N</b>  | +            | +         | +       | +         | ᅱ        |          | $\vdash$     | $\vdash$     | H         | -        | 8        |   | +       | +            | +-             | $\vdash$     |             | +            | +      | 1 |                | 137           | $\vdash \vdash$                                  | $\dashv$    | $\dashv$ | +                                 | +        | +            | +         | +-        | 1 |
| -            | 38   |              | $\perp$   | 士       | _         | _        |          |              |              |           |          | 8        | B | 上       |              |                |              |             | ightharpoons |        | 1 |                | 138           |  |             |          | ightharpoons                      |          | 1            | I         |           | 1 |
|              | 39   | I            | Ţ         | $\Box$  | $\Box$    |          |          |              | _            |           |          | 8        |   | $\perp$ | L            |                |              |             |              | _      |   |                | 139           |  | $\dashv$    | _        | 4                                 | _        | _            | _         | <b>.</b>  |   |
| <u> </u>     | 40   | +            | +         | +       | $\dashv$  | -        | _        | _            | -            | Н         | -        | 9        |   | +       | +            | +              | $\vdash$     |             | +            | +      | - |                | 140<br>141    | $\vdash$   | $\dashv$    | +        | +                                 | +        | +            | +         |           | - |
| -            | 41 42  | +            | +         | +       | $\dashv$  | $\dashv$ | _        | $\vdash$     | $\vdash$     | H         | -        | 9        |   | +       | +            | +-             | H            | -           | +            | +      | 1 | <del></del>    | 142           | H  | +           | $\dashv$ | +                                 | +        | +            | +         | $\dagger$ | 1 |
|              | 43   | İ            | 士         |         | $\exists$ |          |          |              |              |           |          | 9        | 3 | 上       | I            |                |              |             |              |        | ] |                | 143           |  | $\Box$      |          | 1                                 |          | $\downarrow$ | 1         | 1_        | ] |
|              | 44   | I            | T         |         | $\bot$    | $\Box$   |          |              |              |           |          | 9        |   | $\bot$  | $\perp$      | $\perp$        |              | $\dashv$    |              |        | - |                | 144           | <del>                                     </del> | -           | 4        | 1                                 | _        | $\perp$      | +         | +-        | - |
| -            | 45<br>46   | +            | +         | +       | +         | -        |          | -            | $\vdash$     | H         | -        | 9        |   | +       | +            | +              | <del> </del> | $\dashv$    | +            | +-     | ┨ | <u> </u>       | 145<br>146    | $\vdash$   | +           | +        | +                                 | +        | +            | +         | +         | 1 |
| -            | 46   | +            | ╁         | +       | +         | $\dashv$ |          | <del> </del> | $\vdash$     | H         | -        | 9        |   | +       | +            | +              |              | $\dashv$    | 十            | +      | 1 | <u> </u>       | 147           | $\vdash$   | $\dashv$    | +        | +                                 | +        | +            | $\dagger$ | $\top$    | 1 |
|              | 48   | I            | 士         |         |           | ╛        |          |              |              |           |          | 9        | В | 上       | L            |                |              |             | 工            | 工      | 1 |                | 148           | $\square$  | $\Box$      | 1        | 1                                 | $\bot$   |              | 1         |           | ] |
|              | 49   | F            | $\bot$    | _       | 4         | _        |          |              | Ľ            | $\square$ | <u> </u> | 9        |   | 4       | $\perp$      | <del> </del>   |              |             | -            | +      | - |                | 149           | $\sqcup$   | $\dashv$    | $\dashv$ | +                                 | +        | +            | +         | +         | 1 |
| <u>L</u>     | 50   | L.           |           |         |           |          | _        | L            | _            | ш         | _        | 10       | U |         | 1_           | 1              | L            |             | _1.          |        | J |                | 150           | Ш  |             |          |                                   |          |              |           | <u> </u>  | 1 |
|              |  |              |           |         |           |          |          | _            |              |           |          |          |   |         |              |                |              |             |              |        |   |                |               |  |             |          |                                   |          |              |           |           |   |

Application/Control No.

Applicant(s)/Patent under